

CLIMATOLOGICAL DATA FOR JULY, 1912.

DISTRICT No. 8, TEXAS AND RIO GRANDE VALLEY.

BERNARD BUNNEMEYER, District Editor.

GENERAL SUMMARY.

July was a dry and warm month, with a large percentage of sunshine and few rainy days. The monthly mean temperatures were well above the normal, except along the Texas coast and in the northwestern portion of the district, where they averaged slightly below. The extremes of temperature were marked and the daily range was large, especially during the warmer periods. At some of the stations the warmest days of the month and the coolest nights occurred on the same dates. The precipitation was decidedly deficient, except over a limited area in southeast Texas covering the two lower tiers of counties from the Brazos Valley to the eastern boundary of the State. Slight excesses occurred also locally in the middle Rio Grande watershed due to heavy thundershowers, and at one or two stations in the Rio Pecos watershed. Several cloudbursts were reported from New Mexico. At Pecos, N. Mex., a farmer was drowned by a wall of water rushing down an arroyo, and at the Hondo irrigation project the lower dam was swept out, causing a loss of about \$10,000. The deficiency of precipitation was most marked in the southern and central portions of Texas and, so far as this State is concerned, the current month was, with but one exception, the driest July in the last 25 years.

The greatest and least monthly amounts of precipitation were: In Colorado, 3.58 inches at Wagon Wheel Gap Experiment Station and 0.65 inch at Garnett; in New Mexico, 5.03 inches at Placitas and 0.15 inch at Alamogordo; and in Texas, 7.06 inches at Houston, while at 13 stations there was no precipitation and at 3 others a trace only. Excessive amounts of 2.50 inches or more in 24 consecutive hours occurred at 3 stations in Texas, the heaviest being 3.45 inches at Stowell on the 19th. Light snow was reported from 2 stations in Colorado.

TEMPERATURE.

The monthly mean temperature was 0.7° below the normal in Colorado, 0.4° below in New Mexico, and 1.7° above in Texas. The first week was unusually cool in the northwestern portion of the district, and frost occurred at some of the mountain stations on the 4th and 5th. The highest day temperatures occurred from the 28th to 31st. The changes in temperature from day to day were comparatively slight and as a rule the nights were cool. The average daily range of temperature varied from about 8° on the upper Texas coast to about 36° in the western portion of the district.

The highest and lowest temperatures reported were: In Colorado, 87° at Saguache on the 9th and at San Luis on the 11th and 21st, and 24° at Hermit on the 5th; in New Mexico, 106° at Lake Valley and at Rio Grande Dam on the 10th, and 27° at Senorito on the 5th and 6th; and in Texas, 113° at Graham on the 29th, and 55° at Boerne on the 7th. The local monthly means ranged from 51.4° to 62.6° in Colorado, from 56.8° to 81.0° in New Mexico, and from 75.0° to 89.2° in Texas.

PRECIPITATION.

The precipitation over the Rio Grande watershed averaged 1.91 inches which is 0.44 inch less than the normal. There was a marked deficiency over the Texas portion of this watershed, while over the New Mexico portion the average amount approximated the normal. The precipitation was very unequally distributed, especially in New Mexico where a number of stations had heavy local rains that flooded arroyos and caused considerable damage.

The Rio Pecos watershed received an average of 1.76 inches of precipitation, which is 1.01 inches less than the normal. The only station reporting more than the normal amount was Cludcroft, N. Mex., which received 4.07 inches.

Decided shortages of precipitation occurred throughout the Texas watersheds, the deficiencies ranging from 1.24 inches for the Sabine drainage basin to 2.98 inches for that of the Nueces. A few stations near the upper Texas coast reported heavy local rains, while there was very little or no precipitation in the lower coast counties and in a large number of interior localities. At the close of the month droughty conditions existed over nearly the entire State of Texas. The following are the average monthly amounts in inches and hundredths for the various watersheds: Nueces, 0.39; San Antonio, 1.00; Guadalupe, 0.58; Lavaca, 1.25; Colorado, 0.83; Brazos, 1.06; Trinity, 1.19; Neches, 2.20; Sabine, 1.58; and coastal plains, 1.66.

RIVER CONDITIONS.

There was ample water for irrigation and other purposes in the Rio Grande and Rio Pecos during the month, but the Texas streams were at low water mark, except the Trinity, which had a good flow during the early part of the month from the heavy rains in June. Irrigating plants had to suspend operations, and the question of impounding the waters of the lower Colorado received serious consideration from interested parties.

MONTHLY WEATHER REVIEW.

JULY, 1912

TABLE 1.—Climatological data for July, 1912. District No. 8, Texas and Rio Grande Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of rainy days, 0.01 inch or more.	Number of clear days.	Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of partly cloudy days.	Number of over cloudy days.					
<i>Colorado.</i>																					
Blanca.	Costilla.	7,865	3							2.48	0.78	0	8	6	22	3	sw.	Dr. L. C. Audrain.			
Cumbres.	Conejos.	10,015	5							0.65	-0.55	0.23	0	5	6	25	0	sw.	Mrs. Ida M. Lively.		
Garnett.	Costilla.	7,576	19	62.6	+0.8	84	9†	34	4	48	0.51	T.	12	12	8	11		Chas. Speiser.			
Hermit.	Hinsdale.	9,843	5	51.4		78	31	24	5	43	2.56	1.51	0	4	11	16 ^b	9 ^b	w.	Marion Mason.		
La Veta Pass.	Costilla.	9,000	2							1.98	1.51	0.4	4	4	17 ^b	17 ^b	9 ^b	sw.	Clara M. Wright.		
Manassa.	Conejos.	7,700	6	62.2		85 ^b	11	31 ^b	5	40 ^b	0.82	0.32	0	7 ^b	3 ^b	17 ^b	9 ^b	sw.	J. B. Chapman.		
Platoro.	do.	7,675	5							2.31	-0.31	0.48	0	4	3	4	24	w.	Walter R. Hook.		
Saguache.	Saguache.	7,740	20	62.2	-2.2	87	9	32	11†	53	1.27	0.50	0	4	3	4	24	sw.	Eugene Williams.		
San Luis.	Costilla.	7,794	21	62.2	-0.6	87	11†	32	5	47	0.96	-1.44	0.61	0	6	8	23	0	P. S. Albright.		
Wagon Wheel Gap Experiment Station.	Mineral.	9,235	1	54.2	-0.8	73	9	31	5	36	3.58	+1.56	0.77	T.	20	5	14	12	ne.	U. S. Weather Bureau.	
<i>New Mexico.</i>																					
Agricultural College.	Dona Ana.	3,863	51	79.7	-1.1	100	8†	51	5	44	0.48	-1.34	0.16	0	9	8	22	1	sw.	N. Mex. Agricultural College.	
Alamogordo (near).	Otero.	4,338	15	78.8	-0.7	102	10†	50	5	47	0.22	-1.48	0.06	0	6	10	15	6	sw.	Edward Le Breton.	
Alamogordo.	do.	4,320	3					46	5		0.15	0.12	0	3					sw.	Agent E. P. & S. W. R. R.	
Alamos Ranch.	Sandoval.	7,800	2							1.46	0.25	0.29	0	10	28	1	2	sw.	H. H. Brook.		
Albuquerque.	Bernalillo.	5,000	36					52	5	2.39	+1.16	0.83	0	8	19	12	0	e.	Pitt Ross, C. E.		
Ancho.	Lincoln.	6,112	3							2.03	1.48	0.5	0	5				sw.	Agent E. P. & S. W. R. R.		
Anchor Mine.	Taos.	10,600	1							5.00	1.00	0	16	3	24	4	w.	Charles H. Brigham.			
Artesia.	Eddy.	3,350	4	80.2		104	30	52	6	48	1.97	1.05	0	5	28	2	1	se.	Will Benson, C. E.		
Aspen Grove Ranch.	Rio Arriba.	9,000	3							3.35	0.81	0	9	8	23	0		Junius D. Matpin.			
Banks.	Roosevelt.	8,900	3							3.55	1.03	0	7	8	20	3	w.	Aaron Hawkins.			
Bateman's Ranch.	Rio Arriba.	8,900	3							0.89	0.44	0	4	23	8	0		John W. Bateman.			
Berino.	Dona Ana.	3,788	1							0.29	0.34	0	8	7	20	4	sw.	J. C. Rishaberg.			
Bluewater.	Valencia.	6,732	10	64.8		92	11	31	5	55	1.14	0.34	0	4	14	17	0	sw.	Bluewater Development Co.		
Boaz.	Chaves.	4,154	3	79.7		103	9	58	1†	42	0.64	0.29	0	4	5	14	2	sw.	D. C. Savage.		
Capitan.	Lincoln.	6,348	3							2.90	1.22	0	5	14	12	5	w.	Agent E. P. & S. W. R. R.			
Carlsbad.	Eddy.	3,120	17	81.0	+0.8	103	30	70	28	41	0.93	-2.26	0.48	0	5	20	9	2	se.	U. S. Reclamation Service.	
Carizozo.	Lincoln.	5,429	4	75.5		98	10†	52	6	39	1.38	0.35	0	7	14	12	5	sw.	Agent E. P. & S. W. R. R.		
Cerrillos (near).	Santa Fe.	5,700	1							2.37	0.54	0	9	5	25	1	w.	Irving C. Sweet.			
Chama.	Rio Arriba.	7,851	14	61.6	-3.2	55	10	31	5	44	2.10	-0.46	0.50	0	7	14	17	0	sw.	Frank C. Johnson.	
Cloudcroft.	Otero.	8,650	10	60.2	+1.4	76	11†	45	6	25	4.07	+0.49	0.83	0	17	19	8	4	sw.	Agent E. P. & S. W. R. R.	
Corona.	Lincoln.	6,666	3	68.9		90	9	44	6	41	1.97	0.49	0	9	7	22	6	sw.	Do.		
Coyote.	do.	5,500	3							0.09	0.30	0	5	22	6	3	sw.	Do.			
Cundiyo.	Santa Fe.	6,889	3							0.97	0.46	0	4	18	8	5	w.	Juan Vijiil.			
Demonstration Farm.	San Miguel.	6,800	3							1.43	0.73	0	6					sw.	Erb & Westerman.		
Duran.	Torrance.	6,272	3	72.2		94	10†	48	5	40	2.60	0.80	0	8	7	22	2	sw.	Agent E. P. & S. W. R. R.		
Escondido.	Otero.	4,014	3			103	71	54	6	68	0.31	0	7	18	8	5	se.	Do.			
Espanola.	Rio Arriba.	5,590	14	70.9	-1.0	93	10†	42	5	46	1.73	+0.12	1.45	0	6	13	15	3	sw.	Mrs. E. F. McBride.	
Estancia.	Torrance.	6,140	7							1.75	0.45	0	9	8	22	1	sw.	George H. Van Stone.			
Fort Stanton.	Lincoln.	6,231	35	68.2	-0.9	92	12	42	6	46	2.03	-0.30	0.62	0	11	20	8	3	sw.	Peter Yocky.	
Fort Sumner.	Guadalupe.	3,960	4			100	29†				1.52	0.74	0	3	23	5	3	w.	Agent E. P. & S. W. R. R.		
Gallinas.	Lincoln.	6,635	3							1.52	0.46	0	14	11	20	0	w.	U. S. Forest Service.			
Gallinas Pig. Station.	San Miguel.	7,500	5	62.8		85	9†	36	5	41	2.32	0.56	0	5	12	17	2	sw.	Chas. M. Crossman.		
Glorietas Ranch.	Socorro.	5,700	2							1.16	0.60	0	17	21	10	0	e.	R. B. Schoonmaker.			
Harvey's Upper Ranch.	San Miguel.	9,400	3	59.1		78	9†	38	5†	34	3.05	0.60	0	17	20	8	0	sw.	U. S. Reclamation Service.		
Hondo Reservoir.	Chaves.	3,904	3	78.8		100	8	54	9	41	2.55	0.95	0	9	20	8	3	sw.	Linus L. Shields.		
Jemez Springs.	Sandoval.	6,100	2	69.1		91	12	40	5	41	3.53	0.75	0	11	12	11	8	sw.	J. W. Mosley.		
Knowles (near).	Eddy.	4,300	2	79.0		101	30	57	27	39	1.12	0.46	0	6	15	14	2	se.	Gus Weiss.		
Laguna.	Valencia.	5,840	7	73.8		101	10	46	5†	40	3.30	2.00	0	5				sw.	P. A. Turnbull.		
Lagunita.	Guadalupe.	4,500	7							1.69	0.47	0	7	31	0			sw.	William P. Keil.		
Lake Valley.	Sierra.	5,412	7			106	10			1.75	0.45	0	9	8	22	1	sw.	Mrs. J. K. Boyd.			
Lakewood (near).	Eddy.	3,170	1							0.80	0.35	0	6	25	5	1	se.	N. Mex. Normal University.			
Las Vegas.	San Miguel.	6,385	25	66.8	-2.2	89	9	42	5	42	3.19	-0.76	0.82	0	12	23	8	0	sw.	H. G. Liston.	
Liston.	Chaves.	5,000	2							1.07	0.45	0	3	7	23	1	s.	Richard Pohl.			
Los Lunas (near).	Valencia.	4,900	23	74.4	-2.6	99	9†	44	5	51	0.97	-0.16	0.33	0	6	7	24	0	sw.	Wm. Pender.	
Magdalena.	Socorro.	6,357	7	70.4		90	7†	45	4	37	3.55	1.10	0	14	13	18	0	w.	Rev. R. H. Harper.		
Mescalero.	Otero.	6,627	1	66.2		87	15	42	5	39	2.29	0.67	0	14	15	10	6	sw.	W. M. Nelson.		
Mineral Hill.	San Miguel.	7,050	7							1.69	0.47	0	7	31	0			sw.	Agent E. P. & S. W. R. R.		
Monterey.	Otero.	4,436	3							0.57	0.25	0	7	11	20	0	w.	Miss Julia Hill.			
Mountaintair.	Torrance.	6,547	10	70.0	+ 0.3	98	10	43	6	49	4.15	+ 1.75	1.81	0	10	7	21	3	sw.	Agent E. P. & S. W. R. R.	
Newman.	Otero.	3,989	3			105	8			1.32	0.76	0	4	12	3	16	w.	Do.			
Noria.	Dona Ana.	4,114	3							1.62	0.55	0	5	18	2	11	w.	Eugene F. Jones.			
Orogrande.	Otero.	4,171	3							0.98	0.28	0	8	5	26	0	w.	A. M. Hove.			
Oseura.	Lincoln.	5,016	3							0.57	0.28	0	7	0			sw.	Otto Goetz.			
Otis.	Eddy.	3,100	3							1.31	0.02	0	3	24	7	0	se.	Agent E. P. & S. W. R. R.			
Otto.	Santa Fe.	6,200	3							3.25	1.31	0	10					sw.	Miss Julia Hill.		
Pastura.	Guadalupe.	5,285	3			83	10	35	5	32	5.03	1.53	1.03	0	4	19	8	4	sw.	George C. Ellis.	
Placitas (near).	Bernalillo.	8,000	1	62.7		103	30†	56	10	41	0.53	0.23	0	5	22	9	0	sw.	L. P. Adair.		
Plainview.	Chaves.	4,300	1	80.9		103	40	56	4	30	4.30	1.00	0	8	14	17	0	e.	Mrs. L. R. Penn.		
Red River Canyon.	Taos.	8,956	5	63.0		86	14†	41	7	40	5.60	2.26	+ 0.11	0.95	0	5	4	23	4	sw.	Charles H. Raitt.
Rineon.	Dona Ana.	4,030	18	79.4	+ 0.2	104	10	50	6	47	2.26	- 0.59	0.37	0	8	18	6	7	se.	U. S. Reclamation Service.	
Rio Grande Dam School.	Sierra.	4																			

TABLE 1.—Climatological data for July, 1912. District No. 8—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmodified.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>New Mexico—Contd.</i>																				
Torrance.	Torrance.	6,433	3		2.36		1.20	0	3	13	18	0	sw.	Agent E. P. & S. W. R. R.						
Tres Piedras.	Taos.	8,076	9	63.2*	85°	12	32°	5	42°	1.79	-1.00	0.62	0	6	15	6	10	U. S. Forest Service.		
Truchas.	Rio Arriba.	7,935	3	64.6	85	20	42	16	33	1.34	0.45	0	9	5	5	1	Miss Ruth Rendon.			
Tularosa.	Otero.	4,436	3														Irby L. Fairless.			
Vaughn.	Guadalupe.	5,952	3		98	8				2.10		0.60	0	6	20	6	5	Agent E. P. & S. W. R. R.		
Virsylvia.	Taos.	7,500	2	69.8	88	31	49	25	27	2.91		1.21	0	12	19	12	0	Dr. I. N. Woodman.		
Winsors.	San Miguel.	8,200	16	56.8	-1.8	87	10	32	5†	52	1.70	-2.71	0.50	0	6	9	21	1	James F. Matty.	
<i>Texas.</i>																				
Abilene.	Taylor.	1,738	27	85.4	+ 3.2	106	30	69	6	27	0.30	-2.10	0.26	0	2	17	9	s.	U. S. Weather Bureau.	
Albany.	Shackelford.	1,429	18	84.4	+ 1.1	108	29†	58	9	36	2.02	-0.93	0.89	0	4	26	4	1	N. L. Bartholomew.	
Alice.	Jim Wells.	209	1	84.3		103	30	65	1	32	0.77		0.72	0	2	24	5	2	R. M. Boerum.	
Alpine.	Brewster.	4,482	2															Geo. W. Page.		
Alvin.	Brazoria.	49	14	83.3		100	30	70	1†	28	6.15	-0.78	3.15	0	1	19	8	4	Alvin Japanese Nursery.	
Anahuac.	Chambers.	23	3															Lone Star Canal Co.		
Antelope.	Jack.	1																Paul Rudolph.		
Aspermont.	Stonewall.	1																Bryant Link Co.		
Austin.	Travis.	593	56	85.6	+ 1.9	104	30	71	20	26	0.22	-2.18	0.08	0	4	25	5	1	A. Deussen.	
Ballinger.	Runnels.	1,637	16	86.2	+ 4.1	110	30	68	12†	41	0.25	-2.79	0.25	0	1	23	4	4	E. M. Eubank.	
Barstow.	Ward.	2,573	5	85.6		109	31	62	5	40	1.92		1.20	0	3	21	5	5	Lee F. Freeman.	
Bay City.	Matagorda.	53	2	82.1		98	29	72	1†	23	1.28		0.38	0	7	22	5	4	E. C. Quereau.	
Beaumont.	Jefferson.	29	11	82.2	- 0.7	99	27	68	1†	26	6.15	+1.19	0.97	0	14	7	0	John Bender.		
Beeville.	Bee.	225	16	84.2	+ 0.4	103	30	69	4†	30	0.15	-2.64	0.11	0	2	19	12	2	L. E. Dickey.	
Big Springs.	Howard.	2,396	14	85.8	+ 3.2	109	30	68	17	33	2.15	-1.74	0.43	0	5	21	8	2	B. Reagan.	
Blanco.	Blanco.	1,350	16	85.2	+ 3.5	106	29†	69	18	34	1.06	-2.47	0.44	0	3	19	11	1	R. C. Crist.	
Boerne.	Kendall.	1,412	20	81.3	+ 0.6	107	29	55	7	43	0.92	-2.75	0.43	0	5	21	9	1	F. W. Schweppe.	
Booth.	Fort Bend.	81	11															T. R. Booth.		
Bowie.	Montague.	1,113	17	86.2	+ 2.9	110	29	66	6	32	1.46	-0.93	0.70	0	4	20	11	0	Craig Anderson.	
Brady.	McCullough.	1,500	11															J. W. Griffin.		
Brazoria.	Brazoria.	25	23	82.0	+ 0.5	102	29	70	7†	27*	2.14	-3.17	1.35	0	10	29	2	0	Mrs. M. A. Stevens.	
Brazos.	Palo Pinto.	801	3															Robt. E. Bovett.		
Brenham.	Washington.	350	27	85.1	+ 1.8	103	29	71	6	25	0.72	-2.39	0.32	0	4	23	6	2	Mrs. B. F. Sloan.	
Bridgeport.	Wise.	754	3															Claude Strange.		
Brighton.	Nueces.	12	19	84.4	+ 1.5	99	3	70	29†	25	0.00	-1.29	0.00	0	3	24	6	1	G. H. Ritter.	
Brownsville.	Cameron.	38	48	82.3	- 1.5	96	30	71	1†	25	0.13	-1.75	0.10	0	0	30	1	0	U. S. Weather Bureau.	
Brownwood.	Brown.	1,342	20	85.1	+ 1.7	111	30	66	12†	45	0.55	-1.55	0.30	0	2	21	10	0	Mrs. Pearl Smith.	
Buena Vista.	Pecos.																	W. H. Denis.		
Cameron.	Milam.	4	87.3			108	29	70	4	31	0.72		0.28	0	4	24	7	0	J. E. Watts.	
Carmona.	Polk.	330	4	83.0		103	29	61	12	33	1.35		0.70	0	5	20	21	0	M. S. Spitler.	
Carrizo Springs.	Dimmit.			83.3		105	29	62	18	35	0.25		0.20	0	2	21	5	5	M. E. Cook.	
Cliftonville.	Fisher.	2,100	17			105	29	62	35	0.25		0.04	-3.64	0	1	19	2	10	Wm. Lanius.	
Clifton.	Bosque.	671	1			102	31						1.60		0	5	11	20	0	R. M. Jones.
Coleman.	Coleman.	1,710	18	85.9	+ 4.9	108	30†	69	4	31	1.05	-2.09	0.95	0	2	10	20	1	J. E. Stevens.	
Matagorda.	Brazos.	308	22	84.9	+ 1.5	105	29	68	1†	31	2.98	+ 0.29	1.85	0	5	15	12	4	H. A. Clapp.	
Collegeport.	Mitchell.	2,066	18	85.7	+ 3.1	112	30	64	29	43	1.06	-2.08	0.61	0	3	28	3	0	Prof. G. S. Fraps.	
Colorado.	Columbia.	34	23															R. M. Webb.		
Columbus.	Colorado.	206	8															R. B. Loggins.		
Corpus Christi.	Nueces.	20	25	82.0	- 0.7	91	30	74	16	17	0.11	-1.55	0.10	0	5	24	4	3	Mrs. Sophie Bridge.	
Corsicana.	Navarro.	445	23	86.0	+ 2.6	105	29	72	5†	28	0.24	-2.41	0.24	0	1	23	5	3	U. S. Weather Bureau.	
Cotulla.	La Salle.	425	5															D. H. Winn.		
Crockett.	Houston.	350	8	85.2		108	29	69	4†	32	3.32		1.58	0	9	20	11	0	Holland Agricultural Co.	
Dallas.	De Witt.	177	22	86.0	+ 1.2	105	29	69	29	36	0.32	-2.35	0.20	0	2	26	0	5	A. M. Bencher.	
Danevang.	Dallas.	466	23	85.7	+ 1.8	108	29	62	5	33	1.59	-1.81	0.99	0	4	22	0	9	H. R. Froebel.	
Del Rio.	Wharton.	145	16	84.8	+ 1.6	105	29	70	1†	31	1.15	-3.75	1.10	0	2	26	3	2	G. A. Eisenlohr.	
Devine.	Valverde.	652	6	86.1	+ 1.4	106	31	72	1	31	0.10	-2.12	0.09	0	2	18	13	0	H. P. Hermansen.	
Medina.	Medina.	653	2	87.0		107	30†	70	22†	36	0.55		0.50	0	2	28	2	1	U. S. Weather Bureau.	
Dialvile.	Cherokee.	575	8	85.0		105	29	67	16	29	0.45		0.45	0	1	15	15	1	M. A. Keller.	
Dilliey.	Frio.	569	2															J. M. B. McKnight.		
Dublin.	Erath.	1,466	16	86.2	+ 4.4	111	29	67	5	39	0.00	-2.64	0.00	0	0	13	17	1	John W. Miller.	
Duval.	Travis.	820	23	84.6	+ 0.2	105	30	70	11	30	0.19	-2.45	0.19	0	1	28	2	1	Ino O. Shafer.	
Eagle Pass.	Maverick.	800	35	87.5	- 0.3	106	30†	67	26	34	2.70	+ 0.04	2.70	0	0	17	14	0	J. C. Edgar.	
Eastland.	Eastland.	1,420	5	84.4		109	29†	61	20	42	T.		T.	0	0	14	16	1	Charles Tarver.	
Edna.	Jackson.	71	3															Wm. D. Cook.		
El Paso.	El Paso.	3,762	33	81.0	+ 0.5	100	10	61	6	35	1.11	-1.02	0.29	0	11	12	19	0	E. L. Faires.	
Encinal.	La Salle.	558	4	84.8		104	29†	70	16†	34	0.00		0.00	0	0	19	11	1	U. S. Weather Bureau.	
Eola.	Concho.	1																Walter Pettit.		
Fairland.	Burnet.	1,000	23	85.6	+ 2.9	109	30†	67	11†	38	2.13	+ 0.24	2.11	0	5	27	4	0	E. W. Neal.	
Falfurrias.	Brooks.	4		84.9		105	30	65	30	40	T.		T.	0	0	30	1	0	R. L. Bush.	
Flatonia.	Fayette.	465	4	84.4		104	29	68	1†	30	1.08		0.71	0	5	17	8	6	W. A. Gardner.	
Flint.	Smith.	483	2	84.5		107	29	69	11	31	1.50		1.10	0	3	21	8	2	Fred W. Lauth.	
Fort Clark.	Kinney.	1,050	41	83.0	- 1.1	102	30†	61	3	30	0.25	-1.71	0.25	0	1	29	2	0	F. C. C. Carter.	
Fort Davis.	Jeff Davis.	5,000	33	87.9	+ 0.8	108	30†	71	4†	34	1.75	-0.34	0.90	0	7				Post Hospital.	
Fort McIntosh.	Webb.	460	44	87.9	+ 0.8	108	30†	67	16	34	0.00	-1.94	0.00	0	0	16	10	5	T. J. Dumble.	
Fort Stockton.	Pecos.	3,050	15	83.1	+ 2.2	107	31	65	11†	36	0.62	-1.63	0.24	0	3	0	30	1	se.	
Fort Worth.	Tarrant.	670	17	85.8	+ 2.1	109	29	71	1											

TABLE 1.—Climatological data for July, 1912. District No. 8—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.			Precipitation, in inches.			Sky.			Observers.	
				Mean.	Departure from the normal.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.		
Texas—Continued.														
Henderson.	Rusk.	500	3				2.38	- 2.59	1.30	0	6	20		
Hewitt.	McLennan.	664	17				0.77	- 0.68	0.68	0	0	8	3	
Hico.	Hamilton.	1					1.49	- 1.38	0	3	24	3	4	
Hillsboro.	Hill.	628	9	\$3.9	102	29†	60	5	38	0.39	0	0	sw.	
Hondo.	Medina.	901	13	\$5.8	105	30	70	28	32	0.35	- 2.98	0	se.	
Houston.	Harris.	138	22	\$3.6	+ 0.6	100	29	72	18	26	7.06	+ 3.18	2.28	se.
Huntsville.	Walker.	400	28	\$4.2	+ 0.8	101	29	71	1†	23	2.22	- 0.69	0.64	s.
Jayton.	Kent.	496	2				0.00		0.00	0	0	26	5	
Jewett.	Leon.	8	86.6		112	29	69	5†	34	1.15	- 1.15	0	5	
Junction.	Kimble.	1,645	11	\$4.0	109	31	62	17	38	0.17	- 3.21	0	1	
Kaufman.	Kaufman.	448	13	\$7.6	+ 3.6	110	29	70	1	31	0.45	- 3.84	0.45	se.
Kerrville.	Kerr.	1,650	16	\$2.8	+ 2.7	104	29†	64	29	40	0.37	- 3.39	0.22	s.
Killeen.	Bell.	2,050	8	\$6.0		108	30	63	1	38	0.37	- 0.79	0	s.
Knickerbocker.	Tom Green.	576	15				T.	- 2.76	T.	0	0	16	13	
Kopperl.	Bosque.	276	2				1.49	- 0.94	0.94	0	0	6	7	
Lagrange.	Fayette.	2,500	2				1.02	- 0.54	0.54	0	3	19	5	
Lamesa.	Dawson.	1,026	20	\$5.8	+ 3.2	106	30	68	1	31	0.85	- 1.01	0.85	se.
Lampasas.	Lampasas.	38	10				0.00	- 2.68	0.00	0	0	27	3	
La Parra.	Willacy.	20	12									1	s.	
Laureles Ranch.	Nueces.	38	8	\$2.0		101	29	69	4†	26	3.90	- 0.78	0	s.
Liberty.	Liberty.	1,040	21	\$7.0	+ 1.7	107	30	72	28	32	0.60	- 1.14	0.28	se.
Llano.	Llano.	86	4	\$1.5		102	29†	64	7†	38	0.00	- 0.00	0	se.
Llano Grande.	Hidalgo.	229	7									1	17	
Long Lake.	Anderson.	336	26	\$6.1	+ 2.4	103	27	72	1†	27	2.11	- 1.12	1.10	se.
Longview.	Gregg.	1										0	6	
Lubbock.	Lubbock.	325	5	\$3.9		104	29†	64	4	32	2.41	- 0.94	0	s.
Lufkin.	Angelina.	418	23	\$6.1	+ 2.0	105	30	70	5	30	1.22	- 1.55	0	se.
Luling.	Caldwell.	713	2									1	26	
McGregor.	McLennan.	612	10	\$4.8		108	29	69	1†	34	1.03	- 2.25	0	sw.
McKinney.	Collin.	4,043	2	75.0		94	30	57	21	33	3.78	- 0.40	0	se.
Marathon.	Brewster.	771	4									7	14	
Marble Falls.	Burnet.	4										13	4	
Marfa.	Presidio.	375	11	\$3.2		102	29	63	2	30	1.60	- 2.01	0.50	se.
Marshall.	Harrison.	12	2									0	30	
Matagorda.	Matagorda.	537	8	\$5.2		109	29	69	1†	36	0.10	- 0.05	0	4
Mexia.	Limestone.	5		\$4.4		106	30	67	27	34	0.70	- 0.12	0	se.
Midland.	Midland.	140	2	\$4.0		101	30	70	1†	31	0.40	- 0.40	0	se.
Mission.	Hidalgo.	65	2									19	8	
Mont Belvieu.	Chambers.	2,750	23	\$1.4	+ 2.8	100	16	62	22†	34	1.96	- 1.43	1.03	sw.
Mount Blanco.	Crosby.	271	13	\$2.4	+ 1.6	102	29	70	5†	27	0.64	- 4.40	0.40	s.
Nacogdoches.	Nacogdoches.	720	23	\$3.9	+ 1.0	102	30	69	1	30	0.77	- 1.92	0.50	se.
New Braunfels.	Comal.	510	30	\$3.5	+ 2.0	102	29	69	16	31	0.61	- 2.39	0.24	se.
Palestine.	Panter.	1,000	23								0.09	- 2.64	0.09	sw.
Panter.	Frio.	629	2								0.05	- 2.64	0.05	s.
Pearl.	Wharton.	102	6	\$2.6		102	29	69	1†	29	1.63	- 0.63	0	se.
Plainview.	Hale.	3,370	16	\$7.1	+ 2.3	102	30	61	6	36	3.60	- 0.17	1.39	se.
Port Arthur.	Jefferson.	20	11	\$4.4	+ 1.4	99	27	71	11	26	0.51	- 3.76	0.51	s.
Port Lavaca.	Calhoun.	2,700	2								0	1	27	
Post City.	Garza.	1,591	1									4	6	
Putnam.	Callahan.	57	3	\$3.0		99	30	67	15	31	0.00	- 0.29	0	se.
Raymondville.	Cameron.	169	8								0	0	15	
Ricardo.	Nueces.	136	5								0	0	16	
Riverside.	Walker.	12	11	\$1.9	- 1.1	88	19†	74	1	12	0.35	- 1.13	0.30	se.
Rockland.	Tyler.	558	5	\$7.0		105	30†	70	30	35	1.18	- 0.94	0	se.
Rockport *.	Aransas.	308	17								0.94	- 2.19	0	se.
Rossville.	Atascosa.	964	8	\$5.0		105	31	70	28	33	0.79	- 0.45	0	se.
Runge.	Karnes.	2,200	1	\$4.6		103	29	68	5	30	2.95	- 0.85	0	se.
Sabinal.	Uvalde.	1,847	21	\$7.6	+ 4.2	110	31	62	12	41	0.28	- 2.35	0.26	se.
Salado.	Bell.	701	27	\$5.1	+ 2.7	104	30	70	18	30	1.27	- 0.95	0.67	se.
San Angelo.	Tom Green.	360	3	\$3.2		103	29	68	5	30	1.18	- 0.97	0	se.
San Antonio.	Bexar.	588	19	\$4.0	+ 1.0	101	29†	67	1	28	0.20	- 3.59	0.20	se.
San Augustine.	San Juanito.	1,712	11	\$4.8	+ 2.9	107	29	67	28	39	0.18	- 2.58	0.10	se.
San Marcos.	Hays.	201	1								1.47	- 1.01	0	se.
San Saba.	San Saba.	29									0.5	0	16	
Santa Gertrudes.	Nueces.	2,977	12								5	8	7	
Sealy.	Austin.	1,320	6	\$6.4		112	29	64	6	39	1.82	- 1.25	0	ne.
Seymour.	Baylor.	251	1	\$2.8		106	30	66	5†	39	1.30	- 0.72	0	se.
Snyder.	Scurry.	2,200	3	\$6.0		108	29	63	5	32	0.25	- 0.25	0	se.
Somerville.	Burleson.	583	11	\$4.4	+ 1.7	104	30	69	5	29	0.25	- 0.40	0	se.
Sonorá.	Sutton.	556	15	\$7.1	+ 3.9	110	29	71	16†	43	0.65	- 0.23	0	se.
Spur.	Dickens.	804	23	\$6.6	+ 3.1	108	30	64	6	36	1.57	- 1.27	0	se.
Stamford.	Jones.	937	17								5.94	- 3.45	0	se.
Stowell.	Chambers.	4,421	6	77.2		99	2	56	26	37	3.32	- 0.57	0	sw.
Sugarland.	Fort Bend.	289	12								0.86	- 0.58	0	sw.
Sutherland Springs.	Wilson.	630	23	\$6.4	+ 3.7	103	30	71	5	28	0.38	- 2.06	0	se.
Taylor.	Williamson.	187	13	\$5.5 ^d	+ 2.2	105	29	71	2	26	0.00	- 3.89	0	se.
Temple.	Theodore.	424	23	\$8.0	+ 5.0	107	30	72	1	31	0.32	- 2.03	0	se.
Thurber.	Winkler.	555	15	\$7.1	+ 3.9	110	29	71	8†	35	0.13	- 2.96	0	se.
Tivoli.	Erath.	524	7	\$6.8	+ 3.1	108	29	66	6	28	1.06	- 1.43	0.57	se.
Uvalde.	Refugio.	524	17								0.00	- 0.00	0	se.
Valentine.	Uvalde.	4,421	6								0	0	31	
Valley Junction.	Jeff Davis.	289	12								0	4	18	
Victoria.	Robertson.	187	13								0	0	13	
Waco.	Victoria.	424	23	\$8.0	+ 5.0	107	30	72	1	31	0.32	- 2.03	0	se.
Waxahachie.	McLennan.	556	15	\$7.1	+ 3.9	110	29	71	8†	35	0.13	- 2.96	0	se.
Weatherford.	Ellis.	804	23	\$6.6	+ 3.1	108	29	66	6	28	1.06	- 1.43	0.57	se.
Wills Point.	Parker.	524	7	\$6.8	+ 3.0	111	29	63	1	35	0.23	- 0.23	0	se.
Winters.	Van Zandt.	1									0.00	- 0.00	0	se.
	Runnels.													

*, †, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for July, 1912. District No. 8, Texas and Rio Grande Valley.*

Stations.	Watershed.	Day of month.																														Total.				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
<i>Colorado.</i>																																				
Blanca.	Rio Grande.																																	3.48		
Cumbres.	do.																																	0.65		
Garnett.	do.																																	2.56		
Hermit.	do.	T.	T.	.23	.05																													1.98		
La Veta Pass.	do.	T.	.02																																0.82	
Manassa.	do.	T.	.04	.04	.12																													2.31		
Platoro.	do.																																		1.27	
Saguache.	do.																																		0.96	
San Luis.	do.																																		0.61	
Wagon Wheel Gap Experiment Sta.	do.	.02	.01	.03	.09	T.																												3.58		
<i>New Mexico.</i>																																				
Agricultural College.	Rio Grande.	T.	.05																																0.48	
Alamogordo (near).	do.	T.																																	0.22	
Alamogordo.	do.																																		0.15	
Alamos Ranch.	do.	.10																																	1.46	
Albuquerque.	do.	.04																																	2.39	
Ancho.	do.																																		2.08	
Anchor Mine.	do.	.20	.60																																5.00	
Artesia.	Pecos.																																		1.97	
Aspen Grove Ranch.	Rio Grande.																																		3.35	
Banks.	Pecos.																																			
Bateman's Ranch.	Rio Grande.	T.		T.																															3.55	
Berino.	do.																																		0.89	
Bluewater.	do.																																		1.14	
Boaz.	Pecos.																																		0.64	
Capitan.	do.																																		2.90	
Carlsbad.	do.	T.	.15	.15																															0.93	
Carrizozo.	Rio Grande.	.03																																	1.38	
Cerrillos (near).	do.	T.	.09																																2.37	
Chama.	do.	T.		T.																															2.10	
Cloudcroft.	Pecos.	.02	.08																																4.07	
Corona.	do.																																		1.97	
Coyote.	Rio Grande.	.11																																	0.69	
Cundiyo.	do.																																		0.97	
Demonstration Farm.	Pecos.	.20																																	1.43	
Duran.	do.	.15	T.	.05																															2.60	
Escondido.	Rio Grande.	.04	.05																																0.68	
Espanola.	do.	.05																																	1.73	
Estancia.	do.																																		2.63	
Fort Stanton.	Pecos.	T.																																	2.63	
Fort Sumner.	do.																																		1.52	
Gallinas.	do.																																		2.32	
Gallinas Pltg. Sta.	Pecos.	T.	.19																																1.16	
Glorietta Ranch.	Rio Grande.	.30																																	3.05	
Harvey's Upper Ranch.	Pecos.	.08																																		
Hillsboro.	Rio Grande.																																			2.55
Hondo Reservoir.	Pecos.	.10	T.	.05																															3.53	
Jemez Springs.	Rio Grande.	.01	T.	.10	T.																														1.12	
Knowles (near).	Pecos.	T.																																	3.30	
Laguna.	Rio Grande.																																			
Lagunita.	Pecos.																																			
Lake Valley.	Rio Grande.	T.																																		1.75
Lakewood.	Pecos.	T.	.06	.06	T.																														0.86	
Las Vegas.	do.		.35																																1.39	
Liston.	do.	.32																																	1.07	
Los Lunas (near).	Rio Grande.																																		1.97	
Magdalena.	do.	.10	.05	T.																															3.55	
Mescalero.	do.																																			
Mineral Hill.	Pecos.	.23																																		1.69
Monterey.	Rio Grande.	.04	.01																																0.57	
Mountainair.	do.	.02	.03			</td																														

TABLE 2.—*Daily precipitation for July, 1912. District No. 8—Continued.*

Stations.	Watershed.	Day of month.																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.	
New Mexico—Con.																																		
Vaughn	Pecos																																	2.10
Virsylvania	Rio Grande																																2.91	
Winsors	Pecos	.10																															.50	
~ Texas.																																		
Abilene	Brazos																																0.30	
Albany	do																																.02	
Alice	Coast	.72	.05	T.	.89	.04																										0.77		
Alpine	Pecos																																0.42	
Alvin	Coast																																6.15	
Anahusc	do																																6.30	
Antelope	Trinity	.54	.90																														41.38	
Aspermont	Brazos																																.08	
Austin	Colorado																																0.25	
Ballinger	do																																0.25	
Barstow	Pecos																																1.92	
Bay City	Colorado																																1.28	
Beaumont	Neches	.21																															6.15	
Beeville	Coast	.04																															0.15	
Big Springs	Colorado																																1.25	
Blanco	Guadalupe																																1.06	
Boerne	San Antonio	.23																															0.92	
Booth	Brazos	.12	.07																														1.33	
Bowie	Trinity	.36																															1.46	
Brady	Colorado																																2.14	
Brazoria	Brazos																																1.18	
Brazos	do																																0.72	
Brenham	Bridgeport																																0.20	
Brighton	Trinity	.11																															0.00	
Brownsville	Coast																																0.13	
Brownwood	Rio Grande	.10	.01																														0.55	
Buena Vista	Colorado																																0.22	
Cameron	Brazos																																0.72	
Carrizo Springs	Neches	T.																															1.35	
Claytonville	Nueces																																0.25	
Clifton	Brazos																																0.04	
Coleman	Colorado																																.03	
Collegeport	Colorado																																2.98	
College Station	Brazos	.19																															1.08	
Columbia	Colorado																																1.44	
Columbus	Colorado	T.																															0.11	
Corpus Christi	Coast																																0.24	
Corsicana	Guadalupe																																0.30	
Cotulla	Nueces																																3.32	
Crockett	Trinity																																0.32	
Cuero	Guadalupe																																1.59	
Dallas	Trinity	.99	.02																														1.15	
Daneyang	Coast																																0.55	
Del Rio	Rio Grande																																0.00	
Devine	Nueces																																0.45	
Dialville	Neches	T.																															0.00	
Dublin	Brazos																																0.19	
Duval	Colorado																																2.70	
Eagle Pass	Rio Grande																																T.	
Eastland	Brazos																																0.30	
Edna	Lavaca																																0.00	
El Paso	Rio Grande	.06	T.																													0.00		
Encinal	Nueces																															0.00		
Eola	Colorado																																0.00	
Fairland	do																																2.13	
Falfurrias	Coast	T.																															T.	
Flint	Guadalupe	T.																															1.08	
Fort Clark	Rio Grande																																0.25	
Fort Davis	Pecos																																3.10	
Fort McIntosh	Rio Grande																																0.00	
Fort Stockton	Pecos																																0.62	
Fort Worth	Trinity	.04																															0.27	
Fredericksburg	Colorado																																.53	
Gainesville	Trinity																																1.19	
Galveston	Coast																																0.50	
Georgetown	Guadalupe																																1.75	
Gonzales	do																																.03	
Gorham	Brazos																																0.82	
Graham	do																																0.25	
Grand Falls	Pecos	1.00		T.																													0.82	
Grand Saline	Sabine		</td																															

TABLE 2.—*Daily precipitation for July, 1912. District No. 8—Continued.*

* Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures for July, 1912. District No. 8. Texas and Rio Grande Valley.

Date.	Colorado.				New Mexico.										Texas.															
	Garnett.		San Luis.		Agricultural College.		Carlsbad.		Fort Stanton.		Mountain-air.		Rosedale.		Roswell.		Santa Fe.		Santa Rosa.		Abilene.		Big Springs.		Brownsville.		Corpus Christi.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1....	77	43	74	43	94	67	96	63	82	48	89	45	79	54	91	60	76	51	92	57	93	74	98	69	86	71	85	74		
2....	75	39	70	41	96	64	100	70	86	52	88	49	79	51	94	67	77	54	93	54	95	74	96	69	87	75	85	79		
3....	77	43	75	46	92	62	99	65	82	56	85	52	78	57	95	64	76	61	89	63	94	75	95	73	88	75	85	78		
4....	68	34	65	37	87	66	98	63	79	44	89	50	72	54	93	68	67	51	87	61	95	73	97	73	88	74	85	76		
5....	72	35	71	32	90	51	96	62	81	48	87	49	76	53	90	63	74	50	88	51	92	74	94	69	88	74	85	77		
6....	80	38	80	37	96	52	99	62	88	42	92	43	83	51	94	56	80	52	94	51	94	69	98	71	89	74	85	78		
7....	83	37	81	41	98	63	95	65	88	51	93	54	85	54	97	63	82	60	98	60	96	70	99	72	89	72	86	75		
8....	83	38	79	43	100	64	100	65	90	51	94	51	88	55	98	62	85	58	99	63	95	74	99	72	88	72	87	77		
9....	84	36	83	40	98	62	100	66	89	51	95	52	85	58	99	65	86	60	102	62	96	74	100	72	88	76	89	78		
10....	83	39	84	40	100	60	100	64	90	47	98	51	90	58	97	62	87	58	98	57	97	74	98	72	89	75	86	78		
11....	82	40	87	40	98	67	97	64	90	51	97	53	88	60	95	62	85	64	95	60	97	73	100	72	92	72	87	75		
12....	82	47	84	50	99	73	101	63	92	53	95	50	85	58	97	65	87	60	99	63	98	73	101	72	91	74	87	77		
13....	81	48	84	52	96	71	100	66	90	54	97	52	85	56	97	64	81	60	94	63	98	76	100	74	91	76	87	77		
14....	82	53	82	52	93	73	100	64	85	53	80	54	78	56	97	65	81	57	98	62	97	77	103	74	91	76	88	79		
15....	78	53	77	52	93	65	98	66	83	54	83	53	80	54	92	68	76	55	88	67	98	77	100	74	91	75	88	76		
16....	80	43	81	46	92	68	97	66	84	56	86	50	78	53	93	66	82	55	84	60	87	76	100	70	92	72	86	74		
17....	84	45	81	44	94	64	96	66	86	55	85	54	80	56	93	64	78	56	90	62	97	74	99	68	92	71	86	75		
18....	83	46	84	44	91	70	90	68	74	57	87	52	78	58	93	60	78	55	86	61	87	70	91	69	92	73	89	77		
19....	82	50	80	48	92	70	92	64	83	55	86	53	77	58	87	65	79	59	85	62	91	73	93	73	88	73	87	77		
20....	84	54	82	48	96	67	96	65	82	56	90	54	78	56	94	67	83	56	96	63	94	71	99	71	92	75	89	77		
21....	80	58	87	46	94	72	94	70	80	57	89	53	77	55	91	67	77	59	89	68	95	77	96	74	91	75	88	79		
22....	83	54	79	52	91	66	94	66	78	51	81	51	72	56	88	64	73	52	87	64	96	74	97	81	91	75	88	80		
23....	83	55	74	54	84	67	95	67	77	55	83	54	70	55	91	67	77	56	90	64	98	75	100	78	91	75	87	78		
24....	78	53	77	45	92	65	98	66	80	54	83	53	75	52	93	66	75	57	93	60	98	75	101	73	92	74	87	78		
25....	78	48	77	45	91	66	99	64	83	54	80	52	78	52	94	64	79	58	93	60	98	75	100	77	91	76	86	78		
26....	78	45	78	48	92	60	94	61	82	52	85	56	77	54	88	62	76	57	89	56	96	73	96	72	93	74	86	78		
27....	72	44	75	41	92	63	98	62	82	50	90	50	78	52	93	63	60	77	56	94	59	99	75	97	76	92	73	86	77	
28....	80	41	81	39	94	68	100	60	84	54	87	50	79	58	96	64	64	55	85	62	91	69	101	76	103	76	94	73	87	76
29....	83	40	78	54	94	68	100	62	86	52	83	56	80	55	96	63	81	59	95	63	103	76	104	79	95	73	89	76		
30....	83	47	83	52	92	66	103	62	86	51	89	52	80	55	98	61	83	61	98	59	106	81	109	76	96	71	91	74		
31....	84	48	78	49	98	66	102	64	86	57	86	51	80	56	96	65	79	61	94	66	101	78	104	79	93	74	89	80		
Mns..	80.1	45.0	79.1	45.2	94.0	65.4	97.6	64.5	84.1	52.4	88.3	51.8	79.6	55.2	93.8	64.0	70.4	56.9	92.7	60.8	96.5	74.4	98.6	73.1	90.8	73.8	87.0	77.0		

Date.	Texas.																											
	Del Rio.		El Paso.		Fort McIntosh.		Fort Stockton.		Fort Worth.		Galveston.		Hallettsville.		Houston.		Lufkin.		Palestine.		Plainview.		San Antonio.		Seymour.		Taylor.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	94	72	94	70	96	69	99	65	92	73	84	77	96	71	90	72	93	67	90	73	95	62	94	72	95	73	92	71
2....	92	75	97	72	99	71	97	65	94	75	86	79	95	74	91	74	94	68	91	74	92	68	92	74	96	76	93	73
3....	94	76	93	70	100	76	103	70	94	76	85	79	95	74	92	75	95	74	93	75	91	69	95	75	96	77	94	74
4....	94	74	91	70	99	69	101	68	93	72	86	76	95	71	92	73	94	64	91	71	90	70	93	73	97	74	92	71
5....	93	75	91	63	99	71	98	67	93	73	86	79	99	72	91	73	94	69	91	71	90	65	94	73	95	75	93	69
6....	95	75	96	61	98	65	94	72	87	79	99	72	95	72	97	73	91	61	96	74	90	64	96	74	94	72	96	72
7....	97	75	96	72	101	70	98	69	96	74	85	78	98	74	92	75	97	70	95	72	96	63	95	74	97	76	94	73
8....	95	75	97	72	102	75	100	70	94	75	85	78	96	74	88	72	94	71	93	73	96	65	94	74	96	73	95	73
9....	95	76	97	72	100	70	100	68	9																			